BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Improvements and Asphalting to roads at Virupakshapura and Surrounding Areas in ward No 09 in Vidyaranyapura sub Division.

Name of Agency: Sri K. Anil Kumar, Contractor, # 84-L, 2nd Floor, 3rd Cross, 4th Main, HAL 3rd Stage, Thippasandra, Bangalore - 75.

Estimated Cost: 40,00,000.00

Tender Amount : Rs. 35,89,046.86 Lakhs

Work Order No. EE/BTP/BBMP/E-PMT-03(17841)/WO/32/2016-17 Dated: 20.05.2016.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2015-16+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly	Cum	752.40	75.60	56881.44	752.40	75.00	56430.00	290.90	270.90	75.00	20318.00	0.00	0.00	0.00	20318.00	36112.00		
2	Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine	Cum	54.00	4847.04	261740.16	54.00	4500.00	243000.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	0.00	243000.00		
3	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls** at any thickness, including attached pilasters, buttresses,	Sqm	864.00	292.68	252875.52	864.00	292.00	252288.00	0.00	0.00	292.00	0.00	0.00	0.00	0.00	0.00	252288.00		
4	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459	Cum	145.80	6065.28	884317.82	145.80	6000.00	874800.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	0.00	874800.00		
5	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding	Tonne	8.75	78351.84	685578.60	8.75	60000.00	525000.00	0.00	0.00	60000.00	0.00	0.00	0.00	0.00	0.00	525000.00		
6	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant	Cum	244.35	1438.56	351512.14	244.35	1000.00	244350.00	1330.13	305.44	1000.00	305438.00	1024.69	1553.88	1592245.00	1897683.00		1653333.00	
7	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60	Sqm	5430.00	31.32	170067.60	5430.00	31.00	168330.00	6406.70	6406.70	31.00	198608.00	0.00	0.00	0.00	198608.00		30278.00	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2015-16+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
8	Providing and laying **semi dense bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work	Cum	149.33	8475.84	1265697.19	149.33	8000.00	1194640.00	103.36	103.36	8000.00	826840.00	0.00	0.00	0.00	826840.00	367800.00		
9	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading etc complete as per specifications and directions of engineer in charge of the work	Cum	413.82	73.57	30444.74	413.82	73.00	30208.86	135.46	135.45	73.00	9888.00	0.01	0.00	0.00	9888.00	20320.86		
																2953337.00		**1683611.00**	
								EIRL											
10	KSRRB M500-19: providing and laying **bituminous concrete** 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting	Cum							90.90				90.90	6980.20	634500.00	634500.00		634500.00	
	Sub Total				3959121.20											**634500.00**		**634500.00**	
	Third Party Inspection Charges @ 1%				39591.21														
	Miscelaneous and unforgen charges	LS			1288.00														
	Total				**4000000.00**			**3589046.86**				**1361092.00**			**1592245.00**	**3587837.00**	**2319320.86**	**2318111.00**	
																		0.03 Below	

SUMMARY:

1. Estimated Cost : Rs. 40.00 Lakhs
2. Tender Cost : Rs. 35.89 Lakhs
3. EIRL Amount Rs. 16,83,611.00 = 46.90 % of the Tender Amount
4. Work Slip Amount Rs. 6,34,500.00 = 17.68 % of the Tender Amount
5. During execution as per requirement and site condition, the total Qty to be executed costs Rs. 35.87 Lakhs which is 0.03% BELOW the Tender cost. The proposal may kindly be approved.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer 30/11
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division, Bangalore - 92

"Work Slip & EIRL Approved"